

Applicant: Charles C. Freeny, Jr.  
Title: **MASTER OPERATING SOFTWARE SYSTEM**  
Serial No.: 09/920,669  
Filed: August 2, 2001  
Atty. Dkt. No.: 2551.062

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**In the Claims:**

The following listing of claims supercedes and replaces all prior versions.

1. (Currently Amended) A split personal computer system for selectively processing video portions, input/output portions, computational portions and storage portions of personal computer tasks, comprising:

a remote portion adapted to selectively perform the computational portions and the storage portions of the personal computer tasks, the remote portion having a master operating software system stored thereon,  
wherein the master operating software system comprises:

a master input/output system running on the remote portion, the  
master input/output system automatically detecting each of  
at least one system application program installed on the  
remote portion, and selectively providing user information to  
the at least one system application program so that the at  
least one system application programs configure themselves  
into a predetermined configuration;  
a master element manager running on the remote portion, the

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master element manager capable of controlling the at least one system application programs when the at least one system application programs are in a pre-determined configuration and the master element manager, upon activation, providing predetermined user information to one of the at least one system application programs to control the system application program; and

a master user interface manager system having a user requirement database and communicating with the master element manager such that, upon activation, the master user interface manager instructs the master element manager to provide pre-determined user information to at least a pre-determined portion of at least one of the at least one system application programs whereby in response, the at least one system application programs outputs identified user information to the master user interface manager requirement database;

a local portion adapted to selectively perform the video portions and the input/output portions of the personal computer tasks, the local

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portion comprising:

a display unit located remotely from the remote portion of the split  
personal computer system;

an accessory unit in communication with the display unit;

an input unit in communication with the accessory unit to input data  
signals into the accessory unit;

communication means for interfacing the accessory unit with the remote  
portion of the split personal computer system for permitting data  
signals received by the accessory unit from the input unit to be  
transmittable from the accessory unit to the remote portion of the  
split personal computer system, the data signals being processable  
by the remote portion of the split personal computer system to  
generate output signals, the output signals including video signals  
and being transmittable from the remote portion of the split personal  
computer system to the accessory unit, and transmittable from the  
accessory unit to the display unit.

2. (Cancelled)

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3. (Previously Presented) The split personal computer system of claim 1 wherein at least one of the operating system platforms is an intranet platform.

4. (Previously Presented) The split personal computer system of claim 1 wherein at least one of the application programs is located on the Intranet.

5. (Currently Amended) A split personal computer ~~system of claim 1~~ for selectively processing video portions, input/output portions, computational portions and storage portions of personal computer tasks, comprising:

a remote portion adapted to selectively perform the computational portions and the storage portions of the personal computer tasks, the remote portion having a master operating software system stored thereon, wherein the master operating software system comprises:

a master input/output system running on the remote portion,  
the master input/output system automatically detecting  
each of at least one system application program  
installed on the remote portion, and selectively providing  
user information to the at least one system application

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program so that the at least one system application  
programs configure themselves into a predetermined  
configuration;

a master element manager running on the remote portion, the  
master element manager capable of controlling the at  
least one system application programs when the at least  
one system application programs are in a  
pre-determined configuration and the master element  
manager, upon activation, providing predetermined user  
information to one of the at least one system application  
programs to control the system application program; and  
a master user interface manager system having a user  
requirement database and communicating with the  
master element manager such that, upon activation, the  
master user interface manager instructs the master  
element manager to provide pre-determined user  
information to at least a pre-determined portion of at  
least one of the at least one system application

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programs whereby in response, the at least one system  
application programs outputs identified user information  
to the master user interface manager requirement  
database;

a local portion adapted to selectively perform the video portions and the  
input/output portions of the personal computer tasks, the local  
portion comprising:

a display unit located remotely from the remote portion of the split  
personal computer system;

an accessory unit in communication with the display unit;

an input unit in communication with the accessory unit to input data  
signals into the accessory unit;

communication means for interfacing the accessory unit with the remote  
portion of the split personal computer system for permitting data  
signals received by the accessory unit from the input unit to be  
transmittable from the accessory unit to the remote portion of the  
split personal computer system, the data signals being processable  
by the remote portion of the split personal computer system to

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generate output signals, the output signals including video signals  
and being transmittable from the remote portion of the split personal  
computer system to the accessory unit, and transmittable from the  
accessory unit to the display unit, wherein the master operating  
software system is designed by the steps of:

providing, first, a design matrix having at least two axes with at least one  
predetermined technology element being represented on one of the  
axes, and user requirement elements being represented on the other  
one of the axes, the predetermined technology elements each  
defining a particular technology, and each of the user requirement  
elements defining a particular user requirement;

locating one unique intersection point between each of the user  
requirement elements represented on one of the axes and the  
available technology elements represented by another one of the  
axes in the design matrix; and

developing a technology converter requirement for each intersection point,  
each technology converter requirement using the predetermined  
technology element at each intersection point to develop an output

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satisfying the user requirement element at the corresponding  
intersection point.